



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2841-#

Applicant: Erik W. Jensen

Title: INTERCONNECT

Docket No.: 884.386US1

Filed: December 18, 2000

Examiner: Jose H. Alcalá

Serial No.: 09/740,103

Due Date: March 3, 2002

Group Art Unit: 2841

Commissioner for Patents  
Washington, D.C. 20231

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.
- ☒ An Amendment and Response Under 37 CFR 1.111 (10 Pages).
- ☒ A check in the amount of \$156.00 to cover the fee for additional claims as calculated below.
- ☒ Clean Version of Pending Claims (4 pgs.).
- ☒ Clean Version of Amended Specification Paragraphs (1 pg.).
- ☒ Red-lined Figure 1A (1 pg.).

If an additional fee is required due to changes to the claims, the fee has been calculated as follows:

CLAIMS AS AMENDED						
	(1) Claims Remaining After Amendment		(2) Highest Number Previously Paid For	(3) Present Extra	Rate	Fee
TOTAL CLAIMS	24	-	20	4	x 18 =	\$72.00
INDEPENDENT CLAIMS	5	-	4	1	x 84 =	\$84.00
[ ] MULTIPLE DEPENDENT CLAIMS PRESENTED						\$0.00
TOTAL						\$156.00

Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By: Danny Pady  
Atty: Danny J. Pady  
Reg. No. 35,635

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on this 10 day of January, 2002.

Jane E. Brockschink  
Name

Jane E. Brockschink  
Signature

Customer Number 21186

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

(GENERAL)

P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

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PATENT

S/N 09/740,103

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# 7/B  
Hawkins  
2/27/02

AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111

Commissioner for Patents  
Washington, D.C. 20231

Applicant has reviewed the office action mailed on December 3, 2001. Please amend the above-identified patent application as follows.

IN THE DRAWINGS

The drawings were objected to because segments 110 and 112 were not finished.  
Enclosed is a copy of Figure 1A of the drawings showing the following proposed amendment to Figure 1A in red ink. Segments 110 and 112 are finished as shown in red ink. A portion of vias 104 and 105 are shown as coming through the substrate as shown in red ink. Support for this amendment is provided in the specification at page 3, lines 25-27: "The via 104 is coupled to the pad 102 by a conductive segment 110. The via 105 is coupled to the pad 102 by a conductive segment 112." Thus, no new matter is added to the application by the proposed amendment.

02/19/2002 MWOLDER1 00000043 09740103

01 FC:102  
02 FC:103

84.00 OP  
72.00 OP

IN THE SPECIFICATION

Please make the paragraph substitutions indicated in the appendix entitled Clean Version of Amended Specification Paragraphs. The specific changes incorporated in the substitute paragraphs are shown in the following marked-up versions of the original paragraphs.

The paragraph beginning at page 3, line 20 is amended as follows:

Figure 1A is a top view of [some embodiments] one embodiment of an interconnect 100 according to the teachings of the present invention. As can be seen in Figure 1A, the interconnect 100 is formed on a substrate 101. The interconnect 100 includes a pad 102 and three vias 104-106 coupled to the pad 102. The via 104 is coupled to the pad 102 by a